

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE N/A	PAGE 1 OF 32 PAGES
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE DEC 16 , 2003	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) SPEC. NO. 1319_1320	
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE		
DEPARTMENT OF THE ARMY U.S. ARMY ENGINEER DISTRICT, SACRAMENTO SACRAMENTO, CALIFORNIA 95814-2922		DEPARTMENT OF THE ARMY U.S. ARMY ENGINEER DISTRICT, SACRAMENTO SACRAMENTO, CALIFORNIA 95814-2922		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(√)	9A. AMENDMENT OF SOLICITATION NO. W91238-04-R-0002
		×	9B. DATED (SEE ITEM 11) OCT. 30, 2003
			10A. MODIFICATION OF CONTRACTS/ORDER NO. N/A
			10B. DATED (SEE ITEM 13) N/A
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

NOTE: ITEM 13 BELOW IS N/A.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. N/A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority) N/A

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Global Hawk Dormitory and Working Dog Kennel
Beale AFB, CA

NOTE: Receipt of Proposals date has been changed to : December 23, 2003 at 3:00 P.M.(PST) Local Time.

1 Encl

1. Revised Pages: SF 1442 (2 pages), 00100-10, Section 01010 (Pages; 80, 81) Section 01011 (Pages; 7,9,14,33), Section 01012(Replace existing in its entirety),

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)		1. SOLICITATION NO. W91238-04-R-0002	2. TYPE OF SOLICITATION <div><input type="checkbox"/> SEALED BID (IFB)</div> <div><input checked="" type="checkbox"/> NEGOTIATED(RFP)</div>	3. DATE ISSUED 30-Oct-2003	PAGE 1
IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.					
4. CONTRACT NO.		5. REQUISITION/PURCHASE REQUEST NO. W62N6M-3240-5050		6. PROJECT NO.	
7. ISSUED BY USACE SACRAMENTO DISTRICT ATTN: CONTRACTING DIVISION 1325 J STREET SACRAMENTO CA 95814-2922		CODE W91238	8. ADDRESS OFFER TO (If Other Than Item 7) CODE See Item 7		
TEL:		FAX:		TEL:	
9. FOR INFORMATION CALL:		A. NAME CHERYL Y GANNAWAY		B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) 916-557-6933	
SOLICITATION					
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".					
10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS(Title, identifying no., date): Global Hawk Dormitory (96 RM) and Working Dog Kennel Beale Air Force Base, California SPECIFICATION NO. 1319/1320 JOB DESCRIPTION: The Global Hawk Dormitory (96 RM) project is a Design/Build procurement to design and construct a 3-story dormitory (96 RM) with reinforced concrete foundation and floor slabs, masonry walls, standing seam metal roof, utilities, fire detection/protection, site improvements, landscaping, access road, sidewalks, special foundations, communication support and demolition of old kennel. Project includes construction of a new kennel, which is 100% designed. Force protection standards are included. This is a design/build project; the offeror chosen will complete the design and construct the facility. The acquisition method is negotiated procurement. A technical and cost proposal will be required. Evaluation by the Government will result in selection of a firm that represents the best advantage to the Government. ESTIMATED COST RANGE OF PROJECT: \$10,000,000 - \$25,000,000 ANY CONTRACT AWARDED UNDER THIS SOLICITATION WILL BE MADE PURSUANT TO PUBLIC LAW 100-656, SMALL BUSINESS COMPETITIVENESS DEMONSTRATION PROGRAM.					
11. The Contractor shall begin performance within <u>10</u> calendar days and complete it within <u>480</u> calendar days after receiving <input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. This performance period is <input checked="" type="checkbox"/> mandatory, <input type="checkbox"/> negotiable. (See FAR 52.211-10 _____.)					
12 A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				12B. CALENDAR DAYS 10	
13. ADDITIONAL SOLICITATION REQUIREMENTS: * See Section 00110 A. Sealed offers in original and _____ * _____ copies to perform the work required are due at the place specified in Item 8 by <u>3:00 p.m.</u> (hour) local time <u>23 DEC 2003</u> (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due. B. An offer guarantee <input checked="" type="checkbox"/> is, <input type="checkbox"/> is not required. C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference. D. Offers providing less than <u>90</u> calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.					

SOLICITATION, OFFER, AND AWARD*(Construction, Alteration, or Repair)***OFFER (Must be fully completed by offeror)**

14. NAME AND ADDRESS OF OFFEROR <i>(Include ZIP Code)</i>		15. TELEPHONE NO. <i>(Include area code)</i>	
		16. REMITTANCE ADDRESS <i>(Include only if different than Item 14)</i>	
CODE	FACILITY CODE		

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. *(Insert any number equal to or greater than the minimum requirements stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)*

AMOUNTS	SEE SCHEDULE OF PRICES
---------	------------------------

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS*(The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each)*

AMENDMENT NO.										
DATE										

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN
OFFER *(Type or print)*

20B. SIGNATURE

20C. OFFER DATE

AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT

23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN
(4 copies unless otherwise specified)

ITEM

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO

☐ 10 U.S.C. 2304(c)

☐ 41 U.S.C. 253(c)

26. ADMINISTERED BY

CODE

27. PAYMENT WILL BE MADE BY:

CODE

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☐ 28. NEGOTIATED AGREEMENT *(Contractor is required to sign this document and return _____ copies to issuing office.)* Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this contract.

☐ 29. AWARD *(Contractor is not required to sign this document.)*

Your offer on this solicitation, is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.

30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN *(Type or print)*

31A. NAME OF CONTRACTING OFFICER *(Type or print)*

30B. SIGNATURE

30C. DATE

TEL:

EMAIL:

31B. UNITED STATES OF AMERICA
BY

31C. AWARD DATE

Section 00100 - Bidding Schedule/Instructions to Bidders

52.0214-4581 INQUIRIES (NOV 2002)

Prospective offerors should submit inquiries related to this solicitation in accordance with the following (collect calls will not be accepted):

(1) For information related to ordering solicitation packages, amendments, the dates set for receipt of proposals, and for copies of the solicitation mailing list, please check our website at the following URL: <http://ebs.spk.usace.army.mil> If the site is temporarily unavailable, please FAX your inquiry to our Plan Room at (916) 557-7842

(2) For inquiries of a contractual nature (solicitation requirements, interpretation of contractual language):

Contract Specialist: Cheryl Gannaway
Telephone: (916) 557-6933
FAX: (916) 557-5278

(3) All technical questions on the specifications or drawings must be submitted in writing using one of the following:

MAILING ADDRESS:

Department of the Army
U.S. Army Engineer District, Sacramento
Contracting Division (Attn: Cheryl Gannaway)
1325 J Street
Sacramento CA 95814-2922

FAX: (916) 557-7854, Attn: Cheryl Gannaway

E-MAIL: [Cheryl Y. Gannaway@usace.army.mil](mailto:Cheryl.Y.Gannaway@usace.army.mil),
Patricia.B.Trainer@usace.army.mil and Wanda.W.Corry@usace.army.mil.

(4) Please include the solicitation number, the project title, the location of the project, the full name of your company and your telephone and FAX numbers in your correspondence. Written inquiries should be received by this office not later than 14 calendar days prior to the date set for receipt of offers.

(5) Oral explanations or instructions are not binding. Changes to the solicitation can only be made by an amendment to the solicitation.

52.0215-4582 ALT I DIRECTIONS FOR SUBMITTING OFFERS (MAR 2003)

Envelopes/packages containing offers must be sealed, marked and addressed as follows:

MARK ENVELOPES/PACKAGES:

Solicitation No.	W91238-04-R-0002
Closing Date:	23 DEC 2003
Closing Time:	3:00 PM Local Time

ADDRESS ENVELOPES/PACKAGES TO:

Department of the Army
U.S. Army Engineer District, Sacramento
ATTN: Contracting Division
1325 J Street
Sacramento CA 95814-2922

end wall of manholes. Each cable support bracket shall have a minimum of three 7-inch cable steps installed. Finish conduit flush with interior walls and grout around conduits. Bell-ends shall be required on the end of each conduit and finish grout applied. Install bell-ends flush with wall of manholes. The cover for manholes shall be able to withstand traffic load bearing applications. Cover shall be marked "TELEPHONE." Punch out the sumps prior to setting the manholes. Provide 24 inches square gravel under the punched out sumps. The manholes shall be equipped with one copper ground-rod pounded into sump area of manhole. Leave ground-rod exposed 6-inches above base of sump. Install manholes with long wall parallel to the main duct run.

10.2.3 Pad mounted Equipment. Equipment to be pad mounted shall include transformers and generators. Equipment locations shall be reviewed and revised by the Contracting Officer during the design and construction phases.

10.2.3.1 Transformers. The building transformer shall be a distribution class 3-phase, delta primary- wye secondary, pad mounted, oil filled, air cooled, and enclosed per ANSI C57.12.28, loop feed type. The primary cabinet shall be dead front with load-break elbow terminations, load-break oil-immersed switches and oil-immersed current limiting bayonet fuses, with external elbow type, primary surge arrestors on one side of the loop feed. The transformer secondary compartment shall be live front with NEMA pattern spade terminations. The neutral connections shall be solidly grounded. Transformers shall be furnished with standard accessories including off-load taps, oil fill/sample valves, temperature and pressure gages, padlock fittings, etc., as specified. Transformer dielectric cooling fluid shall be mineral oil. All transformer windings shall be copper.

10.2.3.2 Equipment Pads. The pads shall extend 12 inches beyond the equipment silhouette or footprint and shall provide both physical support for the equipment and serve a housekeeping function. The pads shall have a No. 4/0 bare copper cable counterpoise ground that shall be buried and shall encircle the pad. Equipment shall be attached as required by UFGS Section 13080 - SEISMIC PROTECTION FOR MISCELLANEOUS EQUIPMENT.

10.2.3.3 Equipment Grounding. Ground equipment per AFM-88-9.

10.2.4 Service Entrance. The building shall be fed from the transformer via secondary conductors in duct sized for the connected load of the building. The service entrance conductors shall not be larger than 500 Kcmil. If the ampacity of the total load exceeds the ampacity of 500Kcmil wire, then parallel runs of conductors shall be used.

10.2.4.1 Transformers. Transformers shall be sized to supply no less than 90% of the largest total demand load as determined by the NFPA 70, Article 220, Part B. The calculated connected load shall not be more than 125 percent of the transformer nameplate capacity.

10.2.5 Exterior Lighting. Follow IES Handbook recommendations. Cutoff fixtures, louvers and/or hoods shall be used to minimize light trespass. Area lighting shall be provided for walks, the parking area, and courtyards. Illumination level shall be 1 FC measured at grade level. Fixtures shall be coordinated with the base compatibility standards. All exterior fixtures shall be submitted to the Contracting Officer for review. Exterior fixtures shall use high-pressure sodium lamps in accordance with base standards. Provide photoelectric control for exterior lighting. Exterior light bollards shall be "vandal resistant" type.

10.2.6 Communications Utilities. Provide ~~four~~ **six** 4-inch PVC conduits in concrete duct bank from POC to Comm. Room 111, see sheet E1.01. Each of these conduits will have "Maxell" inner duct provided inside them. Stub up these conduits 6-inches (155 mm) above finished floor and position 2-inches (53 mm) away from the base of TTB. Provide a minimum of 4-inch separation between them. Finish conduits and bushings. Provide 4 each (1-inch) inner ducts in one of 4-inch duct runs above. Install a ¼" nylon pull rope in each inner duct & each 4-inch conduit.

10.2.6.1 Telephone/Fiber Optic Cable Entrance Systems. Provide six 4-inch PVC conduits in a concrete encased duct bank from ~~existing comm manhole new CMH-26B-4~~ to Comm Room ~~124~~ **111** and stub up entrance conduits 6 inches above finished floor and position 2 inches away from the base of the TTB. Provide a minimum of 4 inches separation between them. Finish conduits with bushings. Provide 4 each (1-inch) inner ducts in one of these 4-inch ducts. Install a 1/4-inch nylon pull rope in each inner duct and each 4-inch conduit.

10.2.6.1.1 Telephone Cable Entrance Systems. Provide Install a 400 pair (PE-39) 24 AWG telephone outside plant service entrance cable from main Comm. Room 111 in new DORMITORY building to splice case in manhole ~~195 on corner 13th and B streets~~ using combination of existing duct bank and new (see sht ~~E1.0~~ **E1.01**). Terminate onto four each 100 pair telephone cable terminal protectors with gas tube protector blocks and 800 fuses, onto TTB, on the wall of Comm. Room 111. Ground 400 pair tel cable & 2 each cable protectors to ground bus bar in Comm. Rm. 111. Coordinate with 99th Communication Squadron Cable Systems ~~work center at (530) 634-5961 702-652-5583~~ before installing new 400 pair cable.

10.2.6.1.2 Telephone/Fiber Optic Cable Entrance Systems. Install Provide one ~~42~~**48**-strand single - mode fiber optic (FO) cable from Comm. Room 111, in the new DORMITORY Building, ~~to comm room in building S2425 thru see sheet E1.01E1.0~~ **to comm room in building S2425** terminate one end of this FO cable onto new ~~24~~ **48** port Fiber Optic Cable Distribution Patch Panel Enclosures with ~~24~~ **48** ST Ports and Type ST Connectors in Comm. Room 111 **and terminate other end with new 48 port Fiber Optic Cable Distribution Patch Panel Enclosures with 24 48 ST Ports and Type ST Connectors in comm room in building S2425.** Route the FO cable through one of the four 1-inch "Maxell" inner ducts installed in one of the four 4-inch conduits from Comm. Room 111 (DORMITORY Building) thru new duct. Coordinate with the 99th Communications Squadron Cable Systems ~~work center at (530) 634-5961 702-652-5583~~ before installing new FO cable.

10.2.7 Miscellaneous.

10.2.7.1 Road Crossings. It shall be the responsibility of the Contractor to provide proper coordination and obtain all necessary permits, approvals, etc., before installing the crossings. Provide road bore with non-metallic conduit. Cutting of road surfaces is not allowed.

10.2.7.2 Utility Crossings. Clearances from existing and new utilities (water, gas, sewer, etc.) shall be as specified in ANSI C2.

10.2.7.3 Underground Splices. Underground connections or splices shall not be permitted in primary or secondary conductors.

10.2.7.4 Cathodic Protection. Provide cathodic protection for underground metallic piping and structures.

10.2.7.5 Lightning Protection. The Global Hawk Dormitory shall be provided with a complete lightning protection system, per NFPA 780. UL inspection and certification to be specified for the lightning system on this project.

10.2.7.6 Cable Tray. Cable trays shall form a wireway system, and shall be of nominal 6 inch depth and 12 or 18 inches wide, unless larger dimensions are required to maintain a maximum 50 percent cross sectional area cable fill. All cable trays outside of the communications rooms shall be ladder type and installed above the acoustical ceiling, and inside the communications rooms shall be ladder type and installed at 6 inches above equipment racks, and wall plywood backboards. Cable trays shall be constructed of aluminum, copper-free aluminum or zinc-coated steel. Trays shall include dimension and direction-transition fittings, splice and end plates, cable dropout chute fittings, conduit-end tray fasteners and miscellaneous hardware all provided by the cable tray manufacturer. Edges, fittings and hardware shall be finished free from burrs and sharp edges. Conduits terminated at cable trays shall be provided with insulated throat bushings. Cable tray transition fittings shall have not less than the load-carrying ability of straight tray sections and shall have the manufacturer's minimum standard radius. Radius of bends shall be 12 inches. Routing of cable trays shall be parallel or perpendicular to walls and ceilings and shall not be run diagonally across rooms. Cable trays shall penetrate fire rated walls and partitions in accordance with Article 300 of NFPA 70. Fire stop any cable tray penetrations through fire walls to meet fire resistance ratings required in ASTM E 814 or UL 1479. Ground cable tray with a #6 AWG ground

ROOM-BY-ROOM REQUIREMENTS – INTERIOR

ROOM UNIT MODULES (Total of 24 Modules in building)

ROOMS 10, 14, 19, 23 – LIVING/SLEEPING

Room Function:

- Provides individual living and sleeping rooms for dormitory residents.
- Directly associated with Closet and Toilet Rooms.

Architectural Issues:

- Suspended gypsum board ceiling at 2400 mm (8 feet) above finished floor. Painted wall finish with resilient base.
- Broadloom carpet.
- Operable window (slider) shall be dual pane, with 6.35 mm (¼") laminated glass at inner lite with solid surface window sill.

Special Door Hardware (Special Locks):

- ~~Standard mortise lockset.~~
- **Access control system at each living/sleeping room door per Section 01010 Chapter 12 Building Security System Requirements.**

Shelving/Cabinet Requirements (Items for Storage - Chemical, Administrative Products, Number of Shelves):

- None.

Other Special Room Requirements (Whiteboards, Visual Observation, Monitor Brackets, Projector Screens, Sound Attenuation, etc.):

- Acoustically insulate interior walls of living/sleeping rooms between toilets and between common areas in the room unit module.
- Provide blocking in wall for split-draw window rods with wand controls for blackout curtains (NIC) at windows.

Interior Design Issues:

- Floor finish shall be carpet for warmth and acoustical control. Carpet shall be non-linear and non-geometric, overall pattern in a minimum of three distinct colors (not tone on tone or shades of the same color) to hide soil and aid in maintenance. Color should echo soft Southwestern neutrals with accents of sage, turquoise, etc.. See Section 01010 for technical requirements.
- The Comprehensive Interior Design (CID) package shall include the following:
 1. Bed, Single with under bed drawers
 2. Mattress, Single Innerspring
 3. Nightstand, Two drawer
 4. Desk, Computer with three drawers (1 shallow, 2 deep file drawers)
 5. TV Armoire Wall Unit with three drawers and upper doors
 6. Ergonomic Desk Chair, five star base
 7. Trash Container
 See Section 01010 for technical requirements.
- Particular attention shall be given to environmental/sustainable issues for furniture manufacture, recyclability, transportation, and VOC's given off by fabrics and finishes.

Structural Issues:

- None.

Mechanical Issues:

Zone Thermostat Type:

- See Section 01010.

ROOM UNIT MODULES

ROOMS 11, 15, 18, & 25 – CLOSET

Room Function:

- Provides dormitory occupants walk-in closet storage space for clothing and personal effects.
- Directly associated with Living/Sleeping room.

Architectural Issues:

- Suspended gypsum board ceiling at 2400 mm (8 feet) above finished floor. Painted wall finish with resilient base.
- Broadloom carpet.

Special Door Hardware (Special Locks):

- ~~Lockset keyed to match living/sleeping room lockset.~~
- **None.**

Shelving/Cabinet Requirements (Items for Storage - Chemical, Administrative Products, Number of Shelves):

- Provide heavy duty closet organizers (brace into wall studs) with adjustable shelves (minimum of 5 in each closet) on the longer wall, and a fixed shelf with two clothes rods on the shorter wall. Shelves shall be vinyl coated wire type.
- Provide mirror on inside of closet door.

Other Special Room Requirements (Whiteboards, Visual Observation, Monitor Brackets, Projector Screens, Sound Attenuation, etc.):

- None.

Interior Design Issues:

- Carpet shall be non-linear and non-geometric overall pattern in a minimum of three distinct colors to hide soil and aid in maintenance. Color should echo soft Southwestern neutrals with accents of sage, turquoise, etc.. See Section 01010 for technical requirements.

Structural Issues:

- None.

Mechanical Issues:

Zone Thermostat Type:

- See Section 01010.

Temperature Requirements:

- See Section 01010.

Plumbing:

- None.

Electrical Issues:

Lighting:

- Provide compact fluorescent fixture
- Illumination level 5 FC

Communications:

- None.

ROOM UNIT MODULES

ROOM 20 - ENTRY

Room Function:

- Serves as central vestibule to room unit module.
- Directly associated with Laundry Room.

Architectural Issues:

- Suspended gypsum board ceiling at 2400 mm (8 feet) above finished floor. Painted wall finish with resilient base.
- Porcelain paver floor tile.

Special Door Hardware (Special Locks):

- Provide peep hole in main room unit module entry door.
- Provide 13 mm (1/2") metal threshold difference between finished floor and exterior sidewalk/balcony.
- ***Access control system at exterior room unit module door per Section 01010 Chapter 12 Building Security System Requirements.***

Shelving/Cabinet Requirements (Items for Storage - Chemical, Administrative Products, Number of Shelves):

- None.

Other Special Room Requirements (Whiteboards, Visual Observation, Monitor Brackets, Projector Screens, Sound Attenuation, etc.):

- None.

Interior Design Issues:

- Porcelain pavers for floor, should develop a pattern to help with maintenance and to add interest. Basic floor color should remain in a neutral color with accents of sage, turquoise, etc. in a pattern. See Section 01010 for technical requirements.

Structural Issues:

- Recess floor slab minimum 40 mm (1-1/2") for porcelain paver tile setting bed on first floor; thinset pavers on second and third floors.

Mechanical Issues:

Zone Thermostat Type:

- See Section 01010.

Temperature Requirements:

- See Section 01010.

Plumbing:

- None.

Electrical Issues:

Lighting:

- Illumination from kitchen fixtures will suffice. Area shall have 15 FC.

Power:

- Provide 20 amp receptacles spaced per NEC.

Communications:

- None

ROOMS 107, 200, & 300 – BULK STORAGE

Room Function:

- Bulk Storage is the main, dormitory storage room with bulk storage lockers for the residents' temporary, large items including stereo boxes.
- Directly accessible in the central core on each floor, adjacent to the elevator.

Architectural Issues:

- Suspended gypsum board ceiling at 2700 mm (9 feet) above finished floor. Painted CMU wall finish and resilient base.
- Vinyl composition tile floor.

Special Door Hardware (Special Locks):

- ~~None.~~
- ***Access control system at exterior Bulk Storage room door per Section 01010 Chapter 12 Building Security System Requirements.***

Shelving/Cabinet Requirements (Items for Storage - Chemical, Administrative Products, Number of Shelves):

- Provide twenty 1220 mm by 900 mm by 1220 mm high (4 foot by 3 foot by 4 foot high) stacked, wire mesh bulk storage lockers per bulk storage room as indicated on the drawings .

Other Special Room Requirements (Whiteboards, Visual Observation, Monitor Brackets, Projector Screens, Sound Attenuation, etc.):

- None.

Interior Design Issues:

- VCT or resilient flooring with embedded aluminum oxide and carborundum chips for slip resistance (see Forbo's Tractionstep). Color should echo soft Southwestern neutrals with accents of sage, turquoise, etc. See Section 01010 for technical requirements.
- Storage areas require wire mesh storage units. For Wire Mesh Storage cages look at Lyon Metal Products.
- Environmental/Sustainable issues require particular attention be given to recyclable materials and any VOC's given off.

Structural Issues:

- None.

Mechanical Issues:

Zone Thermostat Type:

- See Section 01010.

Temperature Requirements:

- See Section 01010.

Plumbing:

- See Section 01010 and drawings.

Electrical Issues:

Lighting:

- Use fluorescent fixtures.
- Illumination level 15 FC.

Power:

- Provide 20 amp receptacles spaced per NEC.

SECTION 01012
DESIGN AFTER AWARD

SECTION 01012

DESIGN AFTER AWARD

1. SUBMISSION OF CONSTRUCTION DRAWINGS, SPECIFICATIONS AND DESIGN ANALYSES:

The contractor shall follow the design submission requirements as listed below. In addition, the contractor shall comply with other design submission requirements as listed and required in other areas of the RFP.

1.1. SUBMITTAL CERTIFICATIONS:

1.1.1. The Contractor's Designer of Record shall certify in each design submittal (by cover letter on the respective submittal) that all items submitted in the documents (after construction award) comply with the contract. This certification shall be included on each sheet of the working drawings.

1.1.2. Every design submittal shall be accompanied with a letter from each sub-contractor/supplier having direct construction/materials/equipment defined within the submittal. The purpose of the letter is to bring together and coordinate the designers and the sub-contractors slated to accomplish the work and the suppliers of the material and equipment. Each sub-contractor and supplier shall briefly state their involvement in the preparation of the submittal, their proposed activity during the design-build contract associated with the contents of the submittal, and state the design is appropriate for their related field and appropriate for their capabilities/expertise. Each letter shall be on the sub-contractor's/supplier's letter head and signed by a principal of the firm.

1.2. The criteria specified in this Contract are binding contract criteria and in case of any conflict, after award, between the Contract and Contractor's submittals, the Contract will govern unless there is a written and signed agreement between the Contracting Officer and the Contractor waiving a specific requirement.

1.3. Deviations from the Contract technical requirements (shall be identified in the cover letter on the respective submittal) may be considered by the Government, and where appropriate, may be specifically approved by the Contracting Officer. Deviations from the Contract requirements must be requested as early as possible and at least 60 days prior to the 100% final design submission. Deviations from the Contract technical requirements shall not be assumed or considered approved unless specifically approved by the Contracting Officer in writing. Such deviations, when not specifically approved by the Contracting Officer or when subsequently found at any time during the contract, shall be corrected by the Contractor at no additional time or cost to the Government. It is the Contractor's responsibility to clearly note features/aspects in his design or construction that are deviations to the contract requirements. The Contractor shall not assume silence on these issues by the Government to be a sign of acceptance.

1.4. The Government has supplied minimal but sufficient topographic and geotechnical information to understand the basic site conditions. Additional topographic, final geotechnical and HAZMAT Evaluation information maybe required and is the responsibility of the Contractor and considered engineering services after contract award. These services shall be procured and paid for by the successful proposer; this information shall be the basis for design of the topographic features and controls for the project.

1.5. The Contractor shall verify field conditions that are significant, by field inspection, field exploration, and researching and obtaining all necessary as-built drawings and reproducing them for his/her own use, while discussing status with knowledgeable personnel. The information shall be reflected in the documents.

1.6. The Contractor shall coordinate meeting(s) with the Contracting Officer to further discuss the requirements herein. The meeting(s) shall be attended by the Air Combat Command, Base Civil Engineer Staff/Representative, and with the facility End-User. The Contractor has the responsibility to establish the design of the project in accordance with the contract. The meeting(s) is intended to allow the Contractor an opportunity to discuss, clarify, and obtain an understanding, in a face-to-face setting, on issues, opportunities, or mission restraints still in question. The spirit of this meeting is not intended to adjust the contract in any manner but rather to allow the Contractor/Customer relationship to begin and grow. This meeting can be associated with a partnering session or can be a stand-alone meeting but needs to occur early in the design

phase of the contract.

1.7. Not Used.

1.8. The drawing file numbers for this project are 131-25-1333 and 131-25-1334. The specification numbers are 1319 and 1320. The drawing file number for the topographic survey drawings is 131 -13-1345 and 131-13-1340 (to be located in the lower-right corner in the border; the -XXXX number shall continue to reside in the title block for the sheet). All drawings and all submittal documentation shall be digitized. Provide all digitized drawing deliverables in AutoDesk AutoCAD Release 2000i format and provide all other deliverables in MS WORD format. Media for deliverables shall be high-density floppy disk or Compact Disc. Floppy disks and/or compact discs shall be furnished in addition to hard copy drawings. Hard copy drawings shall be submitted in 22"X34" format (ANSI "D") or 11"X17" format (ANSI "B") per attached submittal distribution matrix and all shall have a drawing index. All drawings, whether "D" or "B" format, shall be clear and easily readable.

1.8.1 Hardcopy deliverables: Any necessary hardcopies of drawings shall be submitted in 22"X34" format (ANSI "D") or 11"X17" format (ANSI "B") and provided with an index of the enclosed drawings per the attached Submittal Distribution Tables. All drawings whether ANSI "B" or ANSI "D" shall be clear and readable.

1.8.2 Electronic deliverables: The A-E shall be responsible for design and drawings using computer-aided design and drafting (CADD) and delivering the vector drawings in AutoDesk AutoCAD CADD software, release 2000. The Government will only accept the final product for full operation, without conversion or reformatting, in the AutoDesk AutoCAD release 2000i format and on the target platform specified herein. The target platform is a Pentium 4, 1.6 GHz, 256 MB Ram, and 30 GB Hard Drive with Windows 2000 operating system.

1.8.2.1 Provide copies of the corrected final submittal electronic digital deliverables on CD-ROM to the Sacramento District per the attached Submittal Distribution Tables- upon direction from the Sacramento District Project Manager.

The copies of electronic digital deliverables on CD-ROM are as follows:

CD-ROM #1: Adobe Acrobat Portable Data Format (PDF) files of technical specifications and Computer-aided Acquisition and Logistic Support (CALS) CCITT Group 4 raster format files of AutoCAD drawings.

CD-ROM #2: SPECSINTACT files of technical specifications and indexed DWG files and all referenced files of AutoCAD drawings.

The latest edition of the Tri-Services A/E/C CADD Standards Manual **in AIA format** shall be used for specific guidance on CAD standards.

A documentation handbook shall be submitted with the electronic digital deliverables. This handbook should contain the specifics of the database, it's naming conventions, layering scheme, and all other pertinent information used to construct the database and needed to use the database.

1.8.3 AS-BUILT Drawings: As-built plans are completed sets of drawings with all amendment changes, modifications and details of construction as built and installed. Sets of As-Built Plans will be furnished as required to the using agency with instructions concerning their importance and maintenance for future reference and construction. A Master set of CADD files of the project drawing records will be retained at Sacramento District for a period of 5 years and then sent to the using agency. See Preparation of As-Built Drawings on CBBS <http://cbbs.spk.usace.army.mil/cbbs/library/AEGUIDE/aeguide.pdf> for specific drawing requirements of as-built drawings. The Designer of Record shall review the as-built plans for compliance with the accepted design, approved deviations and to ensure design integrity. After this review, the Designer of Record shall sign the as-built plans.

1.8.3.1 Provide copies of the As-built submittal electronic digital deliverables on CD-ROM to the Sacramento District per the attached Submittal Distribution Tables- upon direction from the Sacramento District Project Manager. The copies of electronic digital deliverables on CD-ROM are as follows:

CD-ROM #1: Adobe Acrobat Portable Data Format (PDF) files of operations and maintenance documents and CALS CCITT Group 4 raster format files of AutoCAD As-built drawings.

CD-ROM #2: MS Word files of operations and maintenance documents and indexed DWG files and all referenced files of AutoCAD As-built drawings.

1.9. COMPLIANCE REVIEW CONFERENCES.

1.9.1. All compliance review (design review) conferences shall be held at Beale AFB; location on Base to be determined prior to each conference.

1.9.2. The contractor shall be represented at these review conferences by each design discipline and the construction manager as a minimum.

1.9.3. Each conference shall be planned to occur over a two-day period.

1.9.4. The Contractor shall prepare for and provide a briefing of the project to an Air Force audience during each compliance comment review conference. This briefing should focus on the functional and Customer mission related features of the project. The briefing should also focus on the architectural compatibility of the project as the project relates to the surrounding facilities. The briefing will occur within the two-day conference schedule. Project renderings, drawings, and project color boards, and computer software are the preferred briefing materials.

1.9.5. The Contractor shall prepare meeting minutes for each conference within 7 calendars following each conference and email a copy to all attendees. The meeting minutes shall list all action items discussed along with taskings (Contractor or Gov't), all issues discussed with decisions, and latest schedule of upcoming events as a minimum.

1.10 DESIGN AND CONSTRUCTION SCHEDULE AND DESIGN SUBMITTAL REQUIREMENTS

1.10.1 As proposed by the successful Design-Build Contractor and as accepted by the Contracting Officer, this project shall follow the fast track method (concurrent design & construction allowed) for design-build. All review comments for a particular portion of the work must be appropriately addressed and applicable construction techniques for unusual construction conditions must be properly defined and accepted. Therefore, the contractor shall begin construction on portions of the work after the Government has reviewed the final design submission and the contractor has satisfactorily addressed all Government review questions/concerns and the Contracting Officer provides authorization to proceed. If this portion of the work is sensitive to weather (heat, cold, rain, snow, or any other weather situation) or any other situation precluding normal construction techniques, the contractor shall also submit to the Contracting Officer a plan to conduct this work (referencing and following industry standards or more stringent government standards) for compliance review.

1.10.2 Each "Major Area" (as indicated in paragraph 1.10.2.1) of the project must be fully designed prior to the start of the construction process for that major area. The contractor shall minimize the number of design submittals to no more than three (correction submittals not counted) unless approved by the Contracting Officer.

1.10.2.1 The following design grouping table describes the areas of design to be submitted.

MAJOR AREA / Submittals	1	2	3	4	5
Civil (Site and Utilities & Communications Duct System, etc)	60%	100%			
Structural	60%	100%			
Architectural/Interior		60%	100%		
Mechanical/Electrical		60%	100%		

Where: 60% = 60% Design Complete Compliance Review Submittal in accordance with Section 3 – Preliminary Design, Chapter III of the A-E Guide, Volume 1, General Instructions for Air Force Projects,

Sacramento District.

100% = Design Complete, Fully Coordinated by Contractor, Ready to Build Compliance Review Submittal in accordance with Section 4 – Final Design, Chapter III of the A-E Guide, Volume 1, General Instructions for Air Force Projects, Sacramento District.

1.10.2.2 The contractor shall ensure “Major Area” (as indicated in paragraph 1.10.2.1) of the design is developed to a further design level and submitted for compliance review not more than three times per the above schedule for compliance review submittals. Every project feature shall be submitted in 100% design complete (final) compliance review submittal.

1.10.3 The contractor shall establish the design and construction schedule within the requirements of Section 01120, Work Phase Summary.

1.10.3.1 The contractor shall include on the schedule a 7 calendar day period for the government to conduct a compliance review for each submittal. The compliance review conference shall follow the compliance review period. The contractor shall include on the schedule a 7 calendar day period for the government to conduct a backcheck review for design backcheck submittals. In addition contractor shall allow sufficient time for incorporating the comments in DrChecks and any additional backchecks that are necessary.

1.10.3.2 The contractor shall include on the schedule a 3 calendar day period (1 day for travel 2 for meeting) for a compliance review conference related to each submittal; no meeting is required for backcheck submittals. These conferences shall not be scheduled during a weekend or holiday or on a day of the week that is adjacent to a day of a weekend or holiday. This typically will leave Tuesdays, Wednesdays, or Thursdays (except as holidays impact) for these conferences.

1.10.4 Each submittal shall be completed to the stage/level commensurate with the stage of completion, i.e., 60%/100%, etc. The 60% & 100% or final submittal for review shall be required submittals. Each design submittal shall have all disciplines designed to a similar design completion level, e.g., all disciplines at 60% complete for a 60% submittal. All of these deliverables shall be stamped "For Compliance Review Only --- _____%"; and each sheet of the drawings shall also be stamped. The back check submittal(s), following the Government reviews of the 100 percent final submittal, shall be packaged and stamped "For Compliance Back Check Review Only - 100%; each sheet of the drawings shall be stamped.

1.10.5 The contractor shall ensure every feature of the design is developed to a further design level on subsequent submittals unless already fully designed on an earlier submittal. Every project feature shall be submitted in final form.

1.10.6 ***Not used.***

1.10.7 Weather Days. See Section **01505**.

1.10.8 The Contractor shall submit a composite schedule to include the design and construction activities.

1.10.9 The design schedule shall be submitted within the first 15 calendar days after the date of Notice To Proceed. The design schedule shall include all activities associated with each respective phase.

1.10.10. The contractor shall submit the construction schedule not later than 60 days prior to the desired start of the construction activities; which includes site work. The construction schedule shall contain all activities associated with the construction of the project, complete and useable for its intended purpose. Construction performance shall begin following the Contracting Officer acceptance of the construction schedule has occurred. Re-submittals due to Contractor controlled deficiencies will not constitute a time or cost change to the contract. The Contracting Officer will have 7 calendar days to conduct review and provide comments to the Contractor for the submittal and each re-submittal.

1.10.11 Each design submittal shall include a submittal register. This submittal register shall be developed commensurate with the level of the design submittal. SpecsIntact will generate the submittal register from the technical specifications. SpecsIntact Stand Alone Submittal Register program may also be used to generate a

submittal register during design. The submittal register generated by RMS will be used during construction. The submittal register will be discussed in the RFP.

1.10.12 The construction submittal shall be stamped "For Construction" — each sheet of the drawings shall be stamped with this statement. In addition, the contractor shall identify, for approval, the Designer of Record for each area of work. One Designer of Record may be responsible for more than one area. All areas of design disciplines shall be accounted for by a listed, registered Designer of Record. The Designer(s) of Record shall stamp, sign, and date all design drawings under their responsible discipline at each design submittal stage.

1.10.13 Each submittal shall include the drawings, specifications and design analysis including calculations along with other requirements as noted herein and in attachments.

1.10.14 The Contractor shall use the Unified Federal Guide Specification (UFGS) system to develop the specifications of the design. However, the Designer of Record may edit the UFGS for specific products to be used. The Designer of Record shall be the approver for all "GA" submittals.

1.11 COMPLIANCE REVIEW COMMENTS

1.11.1. Not Used.

1.11.2 Automated review management system: All review comments shall be processed via the Government program called DrChecks. Copies of comments will be made available to all parties before or during the review conference. Unresolved comments/issues at the conference shall be resolved by immediate follow-on action. Valid comments shall be incorporated. The Contractor shall annotate the DrChecks file prior to the next design submittal.

1.11.3 Assistance with DrChecks can be received by calling Ms. Laura Haven, DrChecks Administrator, (916) 557-7651. The Contractor will need to contact Ms. Haven to register and receive a login and password.

1.11.4 The design documents will not be considered 100% complete and ready for construction, until all comments for correction have been incorporated to the Governments satisfaction and further back check reviews are deemed no longer necessary. Review comments for correction will be based on compliance with the RFP document requirements.

1.12 COLOR BOARDS Color boards shall be prepared in accordance with the following:

1.12.1 Color Boards shall be submitted in a standard 216mm x 280mm (8-1/2"x11") three-ring binder. Number of color boards shall be as called for in the distribution matrix. Where special finishes such as carpet or pre-finished textured metal panels are required, samples not less than 203mm x 254mm (8"x10") shall be submitted with the boards.

1.12.2 Actual material samples shall be displayed showing color, texture, pattern, finish, thickness, etc., for all appearance/finish related materials to be used in the construction. These samples shall be large enough to indicate true patterns. However, care should be taken to present materials in proportion to that which will actually be installed in a given situation. Samples shall be organized by color schemes with a separate sample for each scheme. Each scheme shall be coordinated by room name and number and shall be shown on the architectural floor plans. Color shall be labeled with generic color names.

1.12.3 The color board(s) shall consist of all samples mounted on a mat board or equivalent for structural stability.

1.12.4 Project title and location (base) shall occur in the lower right-hand corner of each board.

1.12.5 The exterior and interior material color boards shall be submitted at the 60% design stage. If the color board is not accepted, the required changes shall be made and the color board resubmitted at the 100% design stages. The resubmittal shall be a complete color board of all the exterior and interior materials. The color boards will not be returned to the contractor.

1.13 Presentation Drawings. The contractor shall provide with the 60% design submittal a colored/rendered building elevation presentation drawing per the distribution matrix. The building's exterior elevations shall be shown and the drawings should reflect a realistic representation of the facility. The drawings shall be 22"X34" (ANSI "D"). The contractor shall also provide with the 60% design submittal a colored/rendered site plan presentation drawing per the distribution matrix. The drawings shall be 22"X34" (ANSI "D") and similar to the RFP site plan and clearly show the building roof, all new landscaping, sidewalks, site improvements, parking spaces, and roads. Provide an electronic CADD or TIF file of the Presentation Drawings per the attached Submittal Distribution Tables at the 60% design; these shall be resubmitted at the 100% design submittal if there are revisions to the drawings.

1.14 ENVIRONMENTAL PERMITS: Contractor shall pay for and obtain all permits required for the successful execution of this project. Submittal of the Environmental Permits to the Regulatory Agencies shall be accomplished with coordination of the Contracting Officer and the Beale AFB Environmental Shop.

1.15 SUSTAINABLE DESIGN: The Contractor shall comply with the sustainable design requirements of the RFP. The minimum required level of performance shall be as scored on the LEED Green Building Rating System, Version 2, US Green Building Council.

1.16 ANTITERRORISM/FORCE PROTECTION: Compliance with the RFP stated requirements would ensure antiterrorism/force protection would be satisfied.

1.17 CONTRACT DOCUMENTS PREPARATION: The Contractor shall prepare all drawing documents in AutoDesk AutoCAD Release 2000. The design drawings and technical specifications shall be dimensioned and specified using metric units per USAF ETL 94-8. Use the following web sites for this list of USAF ETL's:

- <http://www.ccb.org/html/home.html>
- <http://www.afcesa.af.mil/Publications>

1.18 Comprehensive Interior Design (CID): *The Contractor shall provide with the 60% design submittal the CID design furniture package. If the CID furniture package is not accepted, the required changes shall be made and the CID package resubmitted at the 100% design stage. Also, reference section 01010, paragraph 7.13.17.3 (and subparas.) In addition, provide electronic files of drawings and electronic word processing files.*

4.18 1.19 PERMITS/AUTHORIZATION TO CONSTRUCT CHECKLIST: The Contractor shall submit a list of permits that are required for this project; the list shall include all federal, state, local and Beale AFB permits required by the task order and contract, required as a result of the contractor's design, and permits required by Beale AFB. The checklist shall include the type of permit, the party responsible for obtaining the permit, and the permitting agency. The list shall be submitted to the Contracting Officer 14 days prior to the start of construction. The list shall be utilized as a Quality Control tool. The following list is provided as a reference:

PERMITS/AUTHORITY TO CONSTRUCT CHECKLIST

PERMIT/AUTHORITY TO CONSTRUCT	RESPONSIBLE PARTY TO OBTAIN PERMIT	PERMITTING AGENCY
Dust Permit	Contractor	Feather River Air Quality Management Board
Trench over 100 feet long and two feet deep?	Contractor	
Over ¼ acre disturbed (10,890 sq. ft.)	Contractor	
Storm Water Discharge Permit (NPDES)	Contractor	Feather River Air Quality Management Board
Boiler Operating Permit	Contractor	Feather River Air Quality Management Board

Authority to Construct (Air Pollution Control)	Contractor	Feather River Air Quality Management Board
a. Boilers	Contractor	
b. Cooling Towers (open drift)	Contractor	
c. Cyclones	Contractor	
d. Fuel Burning Equipment	Contractor	
e. Fuel Dispensing Equipment	Contractor	
f. Fuel Storage Tanks	Contractor	
g. Screens (gravel)	Contractor	
h. Asphalt Batch Plant	Contractor	
i. Rock Crusher	Contractor	
j. Quarry (Borrow Pit)	Contractor	
k. Paint Booths	Contractor	
Asbestos		Feather River Air Quality Management Board or Department of Environmental Protection
a. ACM Survey	Contractor	
b. Demolition Permit	Contractor	
Lead Based Paint		Feather River Air Quality Management Board or Department of Environmental Protection
a. LBP Survey	Contractor	
b. Demolition Permit	Contractor	
PCB	Contractor	Feather River Air Quality Management Board or Department of Environmental Protection
Back Flow Prevention	Contractor	
Sewerage System		
a. Food Preparation Greasetraps	Contractor	
b. Septic System (permit)	Contractor	
Plants and Landscaping	Contractor	
Refrigerants and other Ozone Depleting Chemicals	Contractor	Feather River Air Quality Management or Department of Environmental Protection
Landfills	Contractor	
Hazardous Materials	Contractor	Feather River Air Quality Management Board or Department of Environmental Protection
Sprinkler Systems	Contractor	

Automated Fire Fighting Foam (AFFF) Systems	Contractor	
Recycled Materials	Contractor	
Restoration Sites	Contractor	
Historical and Archaeological Sites (Cultural Resources)	Contractor	
Presence of Protected Plant and Animal Species	Contractor	
Presence or Creation of a Wetland	Contractor	
Radon	Contractor	
AICUZ	Contractor	
Electromagnetic Fields	Contractor	
Drinking Water Sources (Wellhead Protection)	Contractor	
Burn Permit/Welding Permit	Contractor	Beale AFB
Digging Permits	Contractor	Beale AFB

2. TRANSMITTAL TO GOVERNMENT AGENCIES:

2.1 SUBMITTAL DISTRIBUTION REQUIREMENTS *

TITLE: GLOBAL HAWK DORMITORY LOCATION: BEALE AFB, CA
FY: 04 PROJ NO.: BAEY051001

1st Round Design Submittal for Each Project Feature – Civil and Structural (60% Quality/Compliance Assurance Review Submittal)	M A J	D I S T	D I V		D A	C U S T	C O N S	B C E	R E S	T C X P	T C X F	G E O				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAWINGS (ANSI “B”)	3				10		4	12	2							
DRAWINGS (ANSI “D”)					2		1	1	1							
DESIGN ANALYSIS W/CALCULATIONS	3				10		2	12	2							
Specifications/Catalog Cuts	3				10		4	12	2							
Electronic Files of Drawings (Reference Para 1.8 for Electronic Deliverables)	1				10			1	1							
Draft 1354 and Real Property Form					2			1	1							
Environmental Deliverables	2				1			1	1							
Presentation Drawings (ANSI “D”) & Note para 1.13 for electronic CADD/TIF file submittal	1				2			3	1							
COVER LETTER CERTIFICATION	1				1			1	1							
KEY SUBS/CONSULT’S LETTER OF INVOLVEMENT	2				2			1	1							
SUBS/SUPPLIERS CERTIFICATION LETTERS (SET)	1				2			1	1							
SUBMITTAL REGISTER	1				2			1	1							
COLOR BOARDS (INTERIOR & EXTERIOR) (Reference Para 1.12.5)	1				2			2	1							
DrChecks File in DrChecks System	1				2		1	1	1							

2nd Round Design Submittal for Each Project Feature- Civil and Structural (100% Quality/Compliance Assurance Review Submittal) and Architectural/Mech/Elect (60% Quality/Compliance Assurance Review Submittal)	M A J	D I S T	D I V		DA	C U S T	C O N S	B C E	R E S	T C X P	T C X F	G E O				
	1	2	3	4	5	6	7	8	9	1 0	1 1	1 2	1 3	1 4	1 5	16
DRAWINGS (ANSI "B")	3				10		4	12	2							
DRAWINGS (ANSI "D")	1				2		1	1	1							
SPECS/CATALOG CUTS	3				10		4	12	2							
DESIGN ANALYSIS WITH CALCULATIONS	3				10		2	12	2							
Environmental Deliverables	2				1		1	1	1							
Presentation Drawings (ANSI "D") & Note para. 1.13 for electronic CADD/TIF file submittal	1				2			3	1							
DRAFT DD FORM 1354 AND REAL PROPERTY FORM					1			1	2							
Electronic Files of Drawings (Reference Para 1.8 for Electronic Deliverables)	1				10			1	1							
SUBMITTAL REGISTER	1				2			1	1							
Electronic Word Processing Files of all Other Documents	1				2			1	1							
COVER LETTER CERTIFICATION	1				2			1	1							
KEY SUBS/CONSULT'S LETTER OF INVOLVEMENT	1				1			1	1							
SUBS/SUPPLIERS CERTIFICATION LETTERS (SET)	1				2			1	1							
DRCHECKS FILE ANNOTATED (IN DRCHECK SYSTEM)	1				2			1	1							
COLOR BOARDS (INTERIOR & EXTERIOR) (Reference Para 1.12.5)	1				2			2	1							
Comprehensive Interior Design (CID) Package	1				2			3								

3rd Round Design Submittal for Each Project Feature- Architectural/Mech/Elect (100% Quality/Compliance Assurance Review Submittal)	M A J	D I S T	D I V		DA	C U S T	C O N S	B C E	R E S	T C X P	T C X F	G E O				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAWINGS (ANSI "B")	3				10		4	12	2							
DRAWINGS (ANSI "D")	1				2		1	1	1							
SPECS/CATALOG CUTS	3				10		4	12	2							
DESIGN ANALYSIS WITH CALCULATIONS	3				10		2	12	2							
DRAFT DD FORM 1354 AND REAL PROPERTY FORM					1			1	2							
Electronic Files of Drawings (Reference Para 1.8 for Electronic Deliverables)	1				10			1	1							
SUBMITTAL REGISTER	1				2			1	1							
Electronic Word Processing Files of all Other Documents	1				2			1	1							
COVER LETTER CERTIFICATION	1				2			1	1							
KEY SUBS/CONSULT'S LETTER OF INVOLVEMENT	1				1			1	1							
SUBS/SUPPLIERS CERTIFICATION LETTERS (SET)	1				2			1	1							
DRCHECKS FILE ANNOTATED (IN DRCHECK SYSTEM)	1				2			1	1							
COLOR BOARDS (INTERIOR & EXTERIOR) (Reference Para 1.12.5)	1				2			2	1							
Comprehensive Interior Design (CID) Package	1				2			3								

*

Design Backcheck Submittal *Repeat as needed* (Includes all other requirements noted)(Submit only shts/pgs of changes for each submittal cycle)	M A J	D I S T	D I V		DA	C U S T	C O N S	B C E	R E S	T C X P	T C X F	G E O				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAWINGS (ANSI "B")	3				10		4	12	2							
DRAWINGS (ANSI "D")	1				2		1	1	1							
SPECS/CATALOG CUTS	3				10		4	12	2							
DESIGN ANALYSIS WITH CALCULATIONS	3				10		4		2							
DD FORM 1354					1			1	1							
SUBMITTAL REGISTER	1				2			1	1							
ELECTRONIC FILES (Reference Para 1.8 for Electronic Deliverables)					2				1							
COVER LETTER CERTIFICATION	1				1			1	1							
DRCHECKS FILE ANNOTATED (IN DRCHECK SYSTEM)	1				1			1	1							

*

Construction Submittal (Provide 7 days after notification of all compliance review comments in DrChecks adequately addressed)	M A J	D I S T	D I V		D A	C U S T	C O N S	B C E	R E S	T C X P	T C X F	G E O				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRAWINGS (Each discipline lead drawing sheet shall be stamped and signed by the responsible Professional Engineer or Architect licensed to do so, i.e., "G" and "A" etc)																
CONSTRUCTION READY DRAWINGS (ANSI "B")	3				5		2	3	4							
CONSTRUCTION READY DRAWINGS (ANSI "D")	1				2		1	1	4							
CONSTRUCTION READY SPECS/CATALOG CUTS	3				5		2	3	4							
DESIGN ANALYSIS WITH CALCULATIONS	3				5		1	1	1							
DD FORM 1354 AND REAL PROPERTY FORM					2			2	1							
ELECTRONIC FILES OF ALL DRAWINGS (Reference Para 1.8 for Electronic Deliverables)	1				5		2	1	4							
SUBMITTAL REGISTER	1				2			1	1							
ELECTRONIC WORD PROCESSING FILES OF ALL OTHER DOCS	1				2			1	1							
COVER LETTER CERTIFICATION	1				2		1	1	1							

As-Built Drawings Submittal (Provide 21 calendar days after final inspection and project acceptance)	M A J	D I S T	D I V		D A	C U S T	C O N S	B C E	R E S	T C X P	T C X F	G E O				
	1	2	3	4	5	6	7	8	9	1 0	1 1	1 2	1 3	1 4	1 5	16
AS-BUILT DRAWINGS (paper) (ANSI "D")									1							
ELECTRONIC CADD FILES OF ALL DRAWINGS (AUTOCAD LATEST VERSION COMPATIBLE)					2				1							
UPDATED DD FORM 1354 DATA AND UPDATED PROPERTY DATA FORM (SEE SECTION 01012)									1							
AS-BUILT DRAWINGS (paper) (ANSI "B")					2				1							

2.2 Offices for Distribution:

<u>Code Number</u>	<u>Agency</u>	<u>Mailing Address</u>
1	MAJ	HQ ACC/CECW ATTN: Mr. James Spoto 129 Andrews Street, Room 315 Langley AFB, VA 23665-2769 (757) 764-3680
2	DIST	Not Used
3	DIV	Not Used
4		Not Used.
5	DA	CESPK-PM-M ATTN: Mr. Cartley Wong 1325 "J" Street Sacramento, CA 95814-2922 (916) 557-7671
6	CUST	NOT USED.
7	CONS	CESPK-CO-QA ATTN: Mr. Drew Perry 1325 "J" Street Sacramento, CA 95814-2922 (916) 557-7779
8	BCE	Department of the Air Force 9 th CES/CECN (David Piele) 6425 B Street, B-2539 Beale AFB, CA 95903-1712 (530) 634-0466

<u>Code Number</u>	<u>Agency</u>	<u>Mailing Address</u>
9	RES	US Army Corps of Engineers Sacramento Resident Office CESPK-CO-RS (Larry Smith) 2194 Ascot Ave., B/1066 Rio Linda, CA 95673-9988 916-649-0133
10	TCXP	Not Used

11	TCXF	Not Used
12	GEO	Not Used

2.3 Beale AFB DD FORM 1354 additional requirements to be submitted with each DD FORM 1354 submittal requirement:

REQUIRED REAL PROPERTY DATA

1. New Construction/Additions – Facility
2. New Construction – Infrastructure
3. Demolition – Facility
4. Demolition – Infrastructure

1. New Construction/Additions Project# _____ Work Order # _____
 Facility# _____ Installation _____ Category Code _____

Total Unit of Measure (SF, SY, Other) _____ (_____) \$ _____
 (cost excludes systems)

Dimensions

Outside	_____ x _____	FT
Wings	_____ x _____	FT
Offsets	_____ x _____	FT

Number of floors _____

Type Construction (Concrete, block, metal, etc.)

Foundation	_____
Floor	_____
Wall	_____
Roof	_____

Utilities (Check when applicable)

Water	_____
Sewage	_____
Electric	_____
Gas	_____
Steam	_____

Heat Source (Specify type: Gas, Steam, Fuel Oil, Electric, etc.) _____

Fire Detection

Automatic Fire Detection System	_____ EACH	_____ SF	\$ _____
Automatic Fire Alarm/Reporting	_____ EACH	_____ SF	\$ _____
Manual Alarm System			
Exterior		_____ BOXES	\$ _____
Interior		_____ BOXES	\$ _____

Sprinkler Systems

Closed Head Automatic	_____ HDS	_____ SF	\$ _____
Open Head Deluge	_____ HDS	_____ SF	\$ _____
Pre-Action	_____ HDS	_____ SF	\$ _____
AFFF Pre-Action	_____ HDS	_____ SF	\$ _____

Other Fire Suppression System

High Expansion Foam	_____ EACH	\$ _____
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Carbon Dioxide	_____	EACH	\$ _____
Protein Foam/Water Deluge	_____	EACH	\$ _____
Halon	_____	EACH	\$ _____
Dry Chemical System	_____	EACH	\$ _____
Foam Systems (Tank Farm)	_____	EACH	\$ _____
Other	_____	EACH	\$ _____

Air Conditioning /Evaporative Cooler			
Less than 5 ton	_____ SF	_____ TN	\$ _____
5 to 25 ton	_____ # of Units	_____ TN	\$ _____
25 to 100 ton	_____ # of Units	_____ TN	\$ _____
Over 100 ton	_____ # of Units	_____ TN	\$ _____

Heating			
750/3500 MB	_____	MB	\$ _____
Over 3500 MB	_____ MB	\$	_____
From Central Plant	_____	SF	\$ _____
Fuel Oil Storage	_____	GA	\$ _____
Gas Source	_____ SF	MB	\$ _____

Energy Monitoring and Control Systems (EMCS)			
Central Station Equipment	_____	EACH	\$ _____
Field Equipment	_____	EACH	\$ _____
Data Lines	_____	LF	\$ _____

Security Alarm System	_____	EACH	\$ _____
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Air Compressor	_____	HP	\$ _____
Compressed Air Distribution Lines	_____	LF	\$ _____

Electric Emergency Power	_____	KW	\$ _____
Generator	_____		

Storage Tank for Fuel (Type)	_____	GA	\$ _____
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2. New Construction/Additions- Infrastructure

Installation _____	Project# _____	Work Order # _____
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Roads	_____ SY _____ LF	\$ _____
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Curb & Gutter	_____ LF	\$ _____
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Driveway	_____ SY	\$ _____
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Vehicle Parking Areas		
Organization Vehicles	_____ SY	\$ _____
Private Owner Vehicles	_____ SY	\$ _____

Refueling Vehicles	_____ SY	\$ _____
Sidewalk	_____ SY	\$ _____
Street Lights	_____ EACH	\$ _____
Boundary Fence		
Chain Link	_____ LF	\$ _____
Block Wall	_____ LF	\$ _____
Interior Fence		
Chain Link	_____ LF	\$ _____
Block Wall	_____ LF	\$ _____
Security Fence		
Chain Link	_____ LF	\$ _____
Block Wall	_____ LF	\$ _____
Exterior Lighting		
Street Lights	_____ EACH	\$ _____
Security Lights	_____ EACH	\$ _____
Apron Floodlighting	_____ EACH	\$ _____
Electric Aircraft Outlets	_____ EACH	\$ _____
Water Distribution Mains	_____ LF	\$ _____
Non potable	_____ LF	\$ _____
Fire Protection Main	_____ LF	\$ _____
Fire Hydrants	_____ EACH	\$ _____
Fire Pumps _____ GM (internal combustion, steam or electric drivers)	_____ SF	\$ _____
Fire Protection Water Storage	_____ KG	\$ _____
Storm Drains	_____ LF	\$ _____
Sanitary Sewage Main	_____ LF	\$ _____
Industrial Waste Main	_____ LF	\$ _____
Industrial Waste Fuel Spill Collector	_____ KG	\$ _____
Gas Mains	_____ LF	\$ _____
Primary Electrical Distribution Lines		
Overhead	_____ LF	\$ _____
Underground	_____ LF	\$ _____
Secondary Electrical Distribution Lines		
Overhead	_____ LF	\$ _____
Underground	_____ LF	\$ _____
Utility Line Ducts	_____ LF	\$ _____
Steam Heat Mains	_____ LF	\$ _____

Sanitary Sewage Mains	_____ LF	\$ _____
Pad (for propane tank)	_____ SY	\$ _____
Pre-Engineered Revetment	_____ LF	\$ _____
Other	_____	\$ _____

3. Demolition - Facility Project# _____ Work Order # _____

Facility# _____ Installation _____

4. Demolition - Infrastructure

Installation _____ Project# _____ Work Order # _____

Roads	_____ SY _____ LF	\$ _____
Curb & Gutter	_____ LF	\$ _____
Driveway	_____ SY	\$ _____
Vehicle Parking Areas		
Organization Vehicles	_____ SY	\$ _____
Private Owner Vehicles	_____ SY	\$ _____
Refueling Vehicles	_____ SY	\$ _____
Sidewalk	_____ SY	\$ _____
Street Lights	_____ EACH	\$ _____
Boundary Fence		
Chain Link	_____ LF	\$ _____
Block Wall	_____ LF	\$ _____
Interior Fence		
Chain Link	_____ LF	\$ _____
Block Wall	_____ LF	\$ _____
Security Fence		
Chain Link	_____ LF	\$ _____
Block Wall	_____ LF	\$ _____
Exterior Lighting		
Street Lights	_____ EACH	\$ _____
Security Lights	_____ EACH	\$ _____
Apron Floodlighting	_____ EACH	\$ _____
Electric Aircraft Outlets	_____ EACH	\$ _____
Water Distribution Mains		
Non potable	_____ LF	\$ _____
Fire Protection Main	_____ LF	\$ _____

Fire Hydrants	_____	EACH	\$ _____
Fire Pumps (internal combustion, steam or electric drivers)	_____ GM	SF	\$ _____
Fire Protection Water Storage	_____	KG	\$ _____
Storm Drains	_____	LF	\$ _____
Sanitary Sewage Main	_____	LF	\$ _____
Industrial Waste Main	_____	LF	\$ _____
Industrial Waste Fuel Spill Collector	_____	KG	\$ _____
Gas Mains	_____	LF	\$ _____
Primary Electrical Distribution Lines			
Overhead	_____	LF	\$ _____
Underground	_____	LF	\$ _____
Secondary Electrical Distribution Lines			
Overhead	_____	LF	\$ _____
Underground	_____	LF	\$ _____
Utility Line Ducts	_____	LF	\$ _____
Steam Heat Mains	_____	LF	\$ _____
Sanitary Sewage Mains	_____	LF	\$ _____
Pad (for propane tank)	_____	SY	\$ _____
Pre-Engineered Revetment	_____	LF	\$ _____
Other	_____		\$ _____

3. CONTRACTOR PROCESSING OF DRCHECKS FILE

3.1. The Contractor shall provide copies of comments, annotated with comment action agreed on, to all parties before the review conference adjourns. Unresolved problems will be resolved by immediate follow-on action at end of conferences. The Contractor shall submit to the Contracting Officer within five (5) calendar days, two (2) copies of a memorandum of the Compliance Assurance Review Conference summarizing major decision points and issues which requires resolution and the action office.

3.2. On receipt of corrected submittal documents and at the point at which all comments in the DrChecks System have been adequately addressed (to Sacramento District's satisfaction), the Sacramento District will provide notification to the Contracting Officer noting that all comments have been addressed. Withholding payment for unsatisfactory performance shall be made in accordance with CONTRACT CLAUSE, FAR 52.232-5, PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS.

3.3. The Contractor shall annotate the respective DrChecks File for each phase of the design showing page or sheet and verse where the correction was made and what the correction consists of — this to assist

the reviewers to quickly find the adjustment. The Contractor annotated DrChecks files shall be made on the DrChecks web site before the next submittal is received by the reviewers — therefore action is a part of the submittal requirements.

3.4. The Contractor shall submit corrected submittal documents (backcheck) as noted above. Again — the appropriate DrChecks file shall be annotated and ready on the web site on or before the day the reviewers receive the backcheck submittal.

3.5. The Backcheck process along with the availability of the Contractor annotated DrChecks file on the web site shall continue until all comments in the DrChecks file have been adequately addressed to the satisfaction of the Government Reviewers.

--End of Section--